

ABSTRACT

5 Provided is a printhead chassis assembly for a chip based printhead. The chassis
supports two spaced apart bearing moldings between which extend a feed roller and
an exit roller. The chassis supports a duct cover in which is formed a number of inlet
ports which are adapted to receive liquid ink. The duct cover seals against a
distribution molding. The distribution molding has a longitudinal axis and a number of
10 elongated ducts running in parallel along the axis. Each duct is associated with a port.
All of the ducts are sealed against and in fluid communication with an upper layer of a
laminated ink distribution structure. The laminated ink distribution structure has a first
layer and a number of subsequent layers, each subsequent layer having vertical
passages and transverse channels for bringing a fluid from a duct, via the first layer, to
15 one of a number of printhead chips.